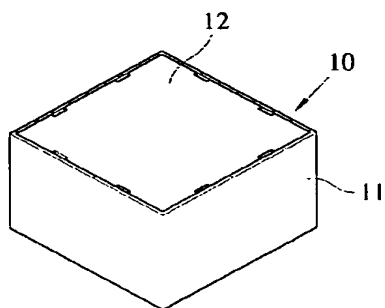
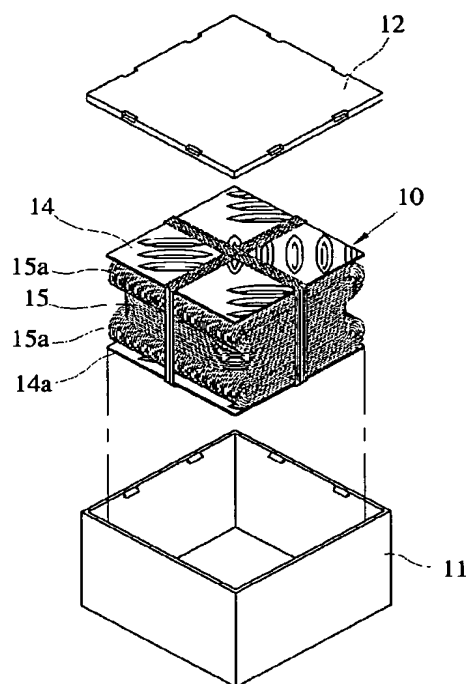


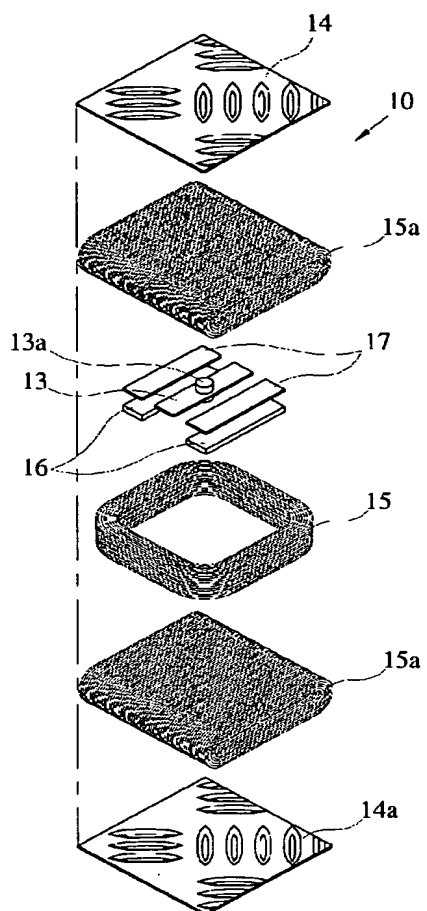
[Fig. 1]



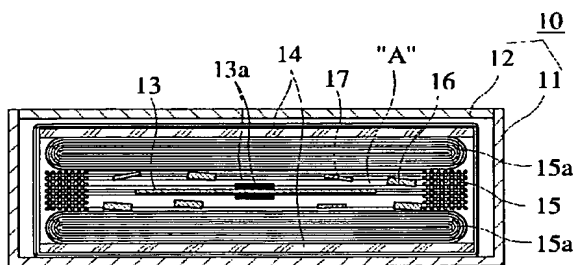
[Fig. 2]



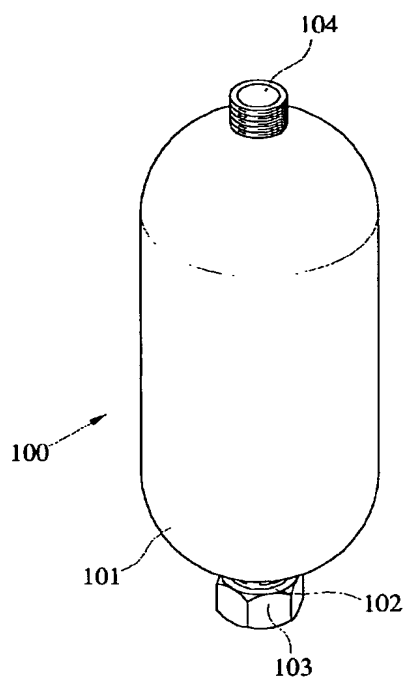
[Fig. 3]



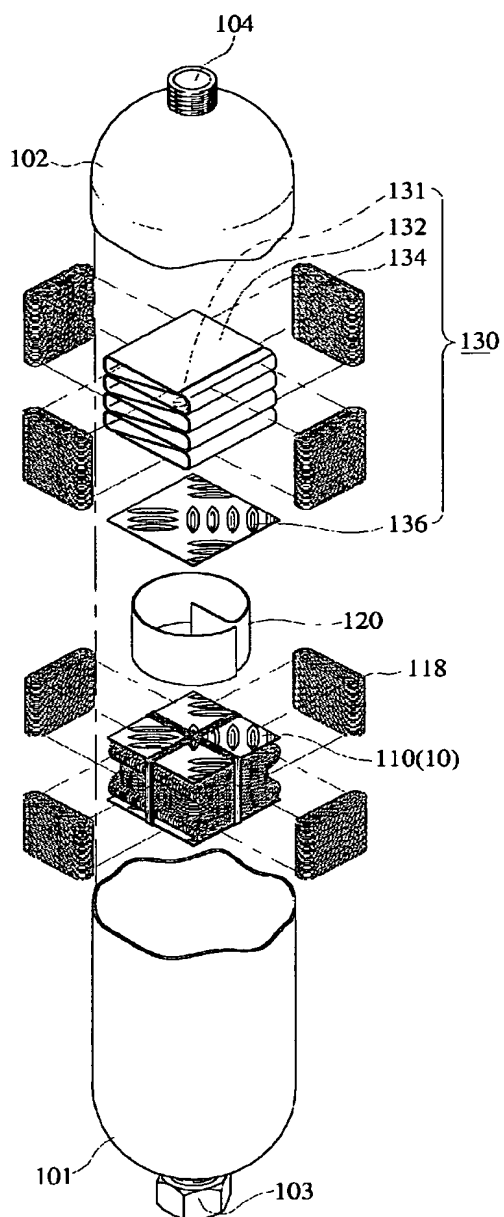
[Fig. 4]



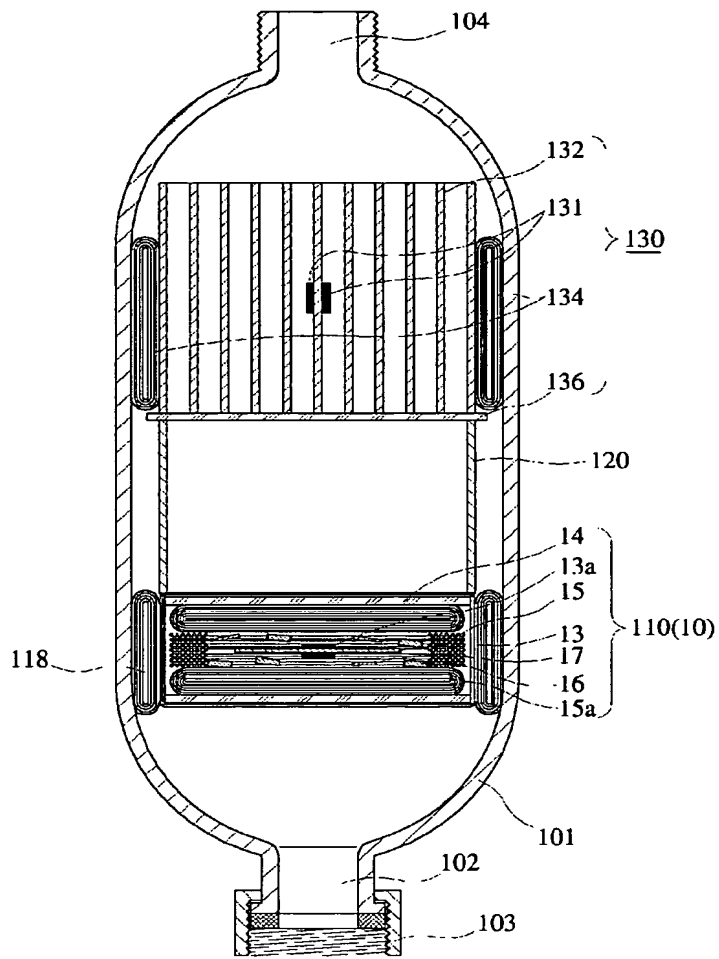
[Fig. 5]



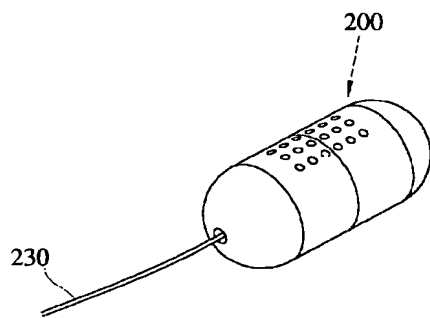
[Fig. 6]



[Fig. 7]



[Fig. 8]



This diagram shows the needle assembly in an exploded perspective view. It includes a needle (230) inserted into a needle holder (222). The needle holder has a proximal cap (221) and a distal cap (220). The proximal cap (221) is shown with a textured surface and a central opening. The distal cap (220) is shown with a smooth surface and a central opening. The needle (230) is shown passing through the central opening of the proximal cap (221) and the distal cap (220).

This diagram shows the exploded perspective view of the first embodiment of the device. It includes a base plate 214, a porous layer 215, and a top assembly 210. The top assembly 210 consists of a first electrode 212, a second electrode 213, a separator 217, and a frame 216. The first electrode 212 is positioned above the second electrode 213, and the separator 217 is positioned between them. The frame 216 is positioned around the electrodes and separator. The porous layer 215 is positioned between the base plate 214 and the top assembly 210.